Security

GSM

ALARM SYSTEM

【USER MANUAL】

Preface

Thank you for purchasing our GSM Security Alarm System ("The System")!
The System will keep your home and property safe **around the clock**.

The GSM Security Alarm ("The Alarm") adopts the most advanced Israeli digital security technology, with a high reliability and low false alarm rate; it has a simple design, but powerful functions, such as ***fire prevention, burglary prevention, gas leak prevention, housebreaking prevention, SOS for emergent diseases***, etc. Meanwhile, you can also equip wired or wireless detectors, which feature functions like anti-interference, false alarm prevention, missing alarm prevention, user-friendly operations, etc. It is widely used for networking alarm in houses, shops, convenience stores, accounting offices, villas, residence communities and cities.

For your safety and giving full play to the functions of the Alarm, please read the user manual carefully before installation and operation; if you have any trouble during installing or operating, please contact with local dealers or authorized technology service centers for help. You can also call us to solve troubles by our professional technical engineers.

Note: To get the complete after-sale service of "Three Guarantees", please don't remove the Alarm cover to repair or rebuild by yourself; in such cases, the warranty will be void and we shall not be liable for any damage and negative results.

Please keep the user manual for reference in the future.

CONTENTS

Introduction to Functions 2
Introduction to the Main device 2
Function Setting 3
Initialization 3
Setting 4
Exiting from Setting 4
Recovering the default password 4
Recovering factory settings 4
Code Pairing for Remote Controller 4
Deleting Remote Controller 4
Code Pairing for Zones 5
Deleting Zones 5
Changing Password 5
Clock Setting 5
Timing Setting 6
Alarm Telephone Setting 6
Deleting Alarm-Receiving Telephones 6
SMS-Receiving Phone Setting 7
Deleting SMS-Receiving Phones 7
Zone Programming 7
Home Arming Setting 7
Manual Recording 8
SOS Siren on Remote Controller 8
Warning Tone for Arming Operation 8
Enabling Landline Phone 8
Ringtone Times for Landline Phone Alarm 8
Wireless Signal Output from the Main Device 8
Networking Center Settings (networking functions customized) 9
Main Device Status 9
Daily Operations 9

Away Arming 9
Home Arming 10
Disarming 10
Answering Call Alarm 10
Remote Control 10
SOS 11
Maintenance 11
System Inspection 11
Precautions 12
Technical Parameters: 12

Introduction to Functions

- With dual network of GSM + telephone cable, the System is more secure and reliable.
- With the quad-band GSM module for global use.
- Includes **2** wired zones and **99** wireless zones.
- Supports code pairing with **8** wireless remote controllers at the most.
- LCD screen with a built-in clock.
- With voice prompts for easy operations.
- Supports an external intercom speaker.

- Supports 3 groups of timed arming and 3 groups of timed disarming.
- The main device can dial alarm calls to **6** preset phone numbers.
- The main device can send text alarm to **3** preset phone numbers.
- With **10**-second manual recording function to leave messages.
- With a built-in digital voice device to give voice alarm automatically.
- With built-in SMS service to send alarm messages automatically.
- Supports wireless alarm siren and control by wireless devices (customization).
- With the One-Key-Control function, you can conduct Away Arming, Home Arming, Remote Control Arming or Off-site Telephone Arming.
- Alarm Location Programming: Help, Fire, Gas Leak, Door Lock, Living Room, Window, Balcony, and Perimeter Alarm.
- Includes multiple zone programming functions like Real-Time, Delay, 24 Hour, Bypass.
- With Wireless Self-learning Code Pairing, new accessories can be installed conveniently, safely and effectively.
- Off-site remote control allows Main Device Arming, Disarming, Monitoring, Intercom etc.
- Arming Modes: Remote Control Real-Time Arming, Away Delayed Arming, Home (Stay) Arming, Timing Arming, Off-site Telephone Remote Arming.
- Line Seizure: If an alarm happens, the main device will cut off the busy line and give priority to make a call for the alarm.
- With a built-in **7.2V** lithium battery, it can power the Alarm during a blackout.
- Comply with the **CCC** Safety Standard and **GB12663-2001** national standard.
- Compatible ADEMCO Contact ID protocol (customization).

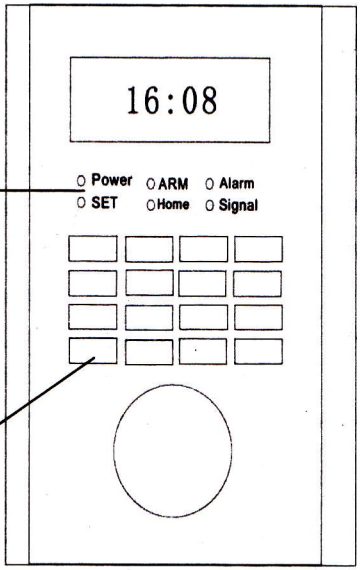
Introduction to the Main device

To better receive the signals from all wireless detectors, the main device should be installed in the center of the zone. Note that the main device should be installed away from large metal objects or household appliances with high-frequency interference, as well as barriers like reinforced concrete walls and fireproof doors, etc.

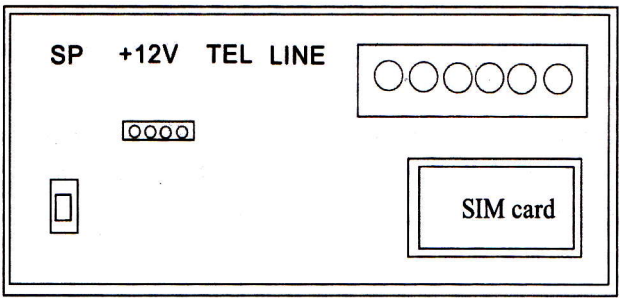
Panel Diagrammatic Sketch:

Power: power indicator lamp;
SET: setting status indicator lamps;
ARM: away arming lamps;
Home: home arming lamps;
Alarm: alarm lamps;
Signal: signal lamps;

Delete Key: Press the key to clear input errors; if no digit is input, it will make a warning tone.



Back Diagrammatic Sketch:



Sockets:

SP: Alarm Siren +12V: Power Adapter TEL: Telephone LINE: Exterior Line

Connection Ports:

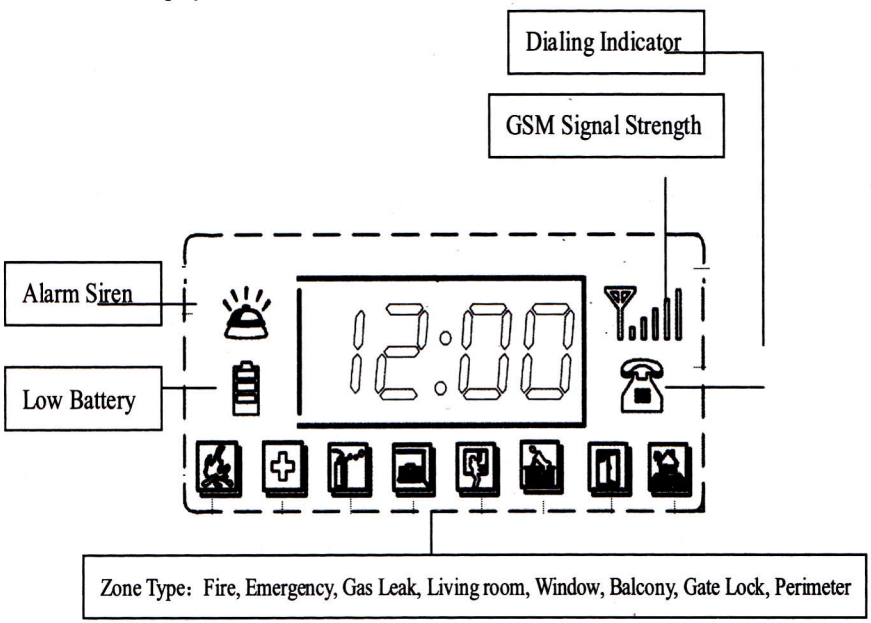
SPK+ and SPK-: External Intercom Speaker

Z1/Z2: Wired zone (short-circuit alarm; the Alarm will display zone 98/99)

GND: Ground wire.

+12V: Power output of wired zones

LCD Display:



Function Setting

Initialization

Install the SIM card to the main device, and connect the adapter to the main device. After the LED lamp stays on and the icons on the LCD display for 2 seconds, the main device will gives a long beep, and then go into initialization. After the System displays the correct time, it starts to detect the GSM network until a normal network is obtained; then the main device gives a long beep, and the signal strength will be

displayed (a signal strength of at least 2 bars is required), then the main device is in the state of disarming.

Finally, turn the switch of the backup battery to [**ON**].

Setting

Under the disarming state, input a four-digit password [**XXXX**], and press the [**#**] key to confirm. When the main device makes a voice prompt "Please input commands", while the [**SET**] lamp stays on, and the LCD displays [**Reset**], it indicates that the System is on the setting state. In this state, you can conduct various function settings. If you don't conduct any operation on the keypad for over 40 seconds, the main device will auto exit from the setting state and return to the disarming state.

Notes: **Under the setting state, press the ● key to delete the input numbers.**

The default ex-factory password is [8888].

Setting steps: 【**XXXX**】⇨【**#**】

X: stands for a digit of the four-digit password, with the ex-factory value of [**8888**].

Exiting from Setting

After completing the settings, press the [*] key and [#] key on the keypad until you hear the sound of "Beep", the System exits from the setting state. At this time, the [**SET**] lamp goes off, and the System returns to the disarming state.

Setting steps: 【*****】⇨【**#**】

Recovering the default password

If you forget the password, we suggest you recover the ex-factory password, and then set a new password for the main device.

Under the disarming state, input [**95175308249**], and press the [**#**] key to confirm; after the [**SET**] indicator lamp stays on for 2 seconds, and the main device gives a long beep, **the ex-factory password is recovered, whereas all settings remain the same.**

Setting steps: [**95175308249**] ⇨【**#**】

Recovering factory settings

If the System works unsteadily, or you have forgotten the previous setting parameters, we suggest you recover the factory settings, and set new parameters for the main device.

Under the disarming state, input **[95175308246]**, and press the **[#]** key to confirm; after the [LED] indicator lamps stay on for 2 seconds, and the main device gives a long beep, the factory settings is recovered with all user settings cleared.

Setting steps: [**95175308246**] ⇨ 【**#**】

Code Pairing for Remote Controller

Code pairing shall be performed before the remote controller is used to control the main device.

Under the setting state, input the address code [20], and press the serial number of the remote controller with [**1～8**] keys, and then press the [#] key to confirm; at this time, the main device gives a long beep, and gives a voice prompt of "Send codes by remote controller"; press a key on the remote controller to send a wireless signal; after receiving the signal, the main device will gives a long beep, and give a voice prompt of "Code pairing succeeded".

Setting steps: 【**20**】 ⇨ 【**A**】 ⇨ 【**#**】

A: stands for the serial number of the remote controllers (1~8).

Deleting Remote Controller

After the remote controller is deleted, it cannot control the main device any more.

Under the setting state, input the address code [21], and press the serial number of the remote controller with [**1～8**], and then press the [#] key to confirm. After the main device gives a long beep and the [**signal**] lamp flashes once, the System will give a voice prompt of "Successfully Deleted". The deleted remote controller will be out of work.

Setting steps: 【21】⇨【A】⇨【#】

A: stands for the serial number of the remoter controllers (1~8).

Code Pairing for Zones

Code pairing shall be performed between the wireless detectors and zones to trigger alarm on the main device.

Under the setting state, input the address code [**23**], and press the serial number of zone within [**01~99**], and then press the [#] key to confirm. After the main device gives a long beep, the LCD screen displays the corresponding zone, and the System will give a voice prompt of "Send codes by detector"; trigger the detector you desire to match code, after the main device receives the signal, it will gives a long beep, then the System will give a voice prompt of "Code pairing succeeded".

Setting steps: 【23】⇨【xx】⇨【#】

XX: stands for the serial number of the zone **(01~99)**

Deleting Zones

After a zone is deleted, it cannot trigger alarm on the main device any more.

Under the setting state, input the address code [**24**], and press the serial number of the zone you want to delete within [**01~99**], and then press the [#] key to confirm. After the main device gives a long beep, the serial number of the corresponding zone flashes once on the LCD, and the System will give a voice prompt of "Successfully deleted". The deleted zone cannot trigger alarm any more.

Setting steps: 【24】⇨【xx】⇨【#】

XX: stands for the serial numbers of the zone **(01~99)**

Changing Password

1. User Password

The user password is the key to access the System when disarming or conducting operations by the remote controller.

Under the setting state, input the address code [**30**], and input a four digit password, and then press the [#] key to confirm; after the main device gives a long beep, the System will give a voice prompt of "Successfully set", then the previous password has been changed.

Setting steps: 【**30**】⇨【**XXXX**】⇨【**#**】

XXXX: stands for the new four digit password.

Example: Change the password to 1012;

Setting steps: 【**30**】⇨【**1012**】⇨【**#**】

2. Engineering Password

The engineering password is the key to access function settings.

Under the setting state, input the address code [**31**], and input a four digit password, and then press the [#] key to confirm; after the main device gives a long beep, the System will give a voice prompt of "Successfully set", then the previous password has been changed.

Setting steps: 【**31**】⇨【**XXXX**】⇨【**#**】

XXXX: stands for the new four digit password.

Example: Change the password to 2846;

Setting steps: 【**31**】⇨【**2846**】⇨【**#**】

Notes: The engineering password cannot be the same as the user password.

Clock Setting

Under the setting state, input the address code [32], and input digits of the current hour (in 24-hour system) [**AA**]; and the minute [**BB**]; and then press the [#] key to confirm. After the main device gives a long beep, the System will give a voice prompt of "Successfully set".

Setting steps: 【**32**】⇨【**AA**】⇨【**BB**】⇨【**#**】

AA: stands for the digits of hour of current time (in **24**-hour system).

BB: stands for the digits of minute of current time.

Example: the current time is 3:35 PM;

Setting steps: 【32】⇨【15】⇨【35】⇨【#】

Timing Setting

1. Timing Arming

Under the setting state, input the address code [**33~35**], and input hour [**AA**] and minute [**BB**] of the auto arming time, and then press the [#] key to confirm; after the main device gives a long beep, the System will give a voice prompt of "Successfully set".

Setting steps: 【XX】⇨【AA】⇨【BB】⇨【#】

XX: stands for the address code of 3 groups of timing auto-arming (33, 34, and 35).

AA: stands for the hour of the auto-arming time.

BB: stands for the minute of the auto-arming time.

Example: the auto-arming time is 10:45 PM every day;

Setting steps: 【33】⇨【22】⇨【45】⇨【#】

2. Timing Disarming

Under the setting state, input the address code [**36~38**], and press the hour [**AA**] and the minute [**BB**] of the auto-disarming time, and then press the [**#**] key to confirm; after the main device gives a long beep, the System will give a voice prompt of "Successfully set".

Setting steps: 【XX】⇨【AA】⇨【BB】⇨【#】

XX: stands for the address code of 3 groups of timing auto-disarming (36, 37, and 38).

AA: stands for the hour of the auto-disarming.

BB: stands for the minute of the auto-disarming.

Example: the auto-disarming time is 7:55am per day;

Setting steps: 【36】⇨【07】⇨【55】⇨【#】

3. Timing On/Off

Under the setting state, input the address code [**39**], and select the [**1/0**] key to turn

On/Off the timing arming/disarming function, and then press the **[#]** key to confirm; after the main device gives a long beep, the System will give a voice prompt of "Successfully set". It is set to ON by default.

Setting steps: **【39】⇨【0/1】⇨【#】**

0: stands for turning off all timing arming & disarming functions.

1: stands for turning on all timing arming & disarming functions.

Example: turn on the settings of the timing arming & disarming functions;

Setting steps: **【39】⇨【1】⇨【#】**

Alarm Telephone Setting

Under the setting state, input the address code **[51]** ~ **[56]**, and enter a cell phone (landline phone) number, and then press the **[#]** key to confirm. After the main device gives a long beep, and the [**signal**] lamp flashes once, the System will give a voice prompt of "Successfully set".

Setting steps: **【XX】⇨【YY...YY】⇨【#】**

XX: stands for the address codes for the 1~6 groups of alarm-receiving phone (**[51]** ~ **[56]**)

YY...YY: stands for the set telephone number.

Example: set the 13811111111 as the first group of alarm telephone.

Setting steps: **【51】⇨【13811111111】⇨【#】**

Deleting Alarm-Receiving Telephones

Under the setting state, input the address code **[51]** ~ **[56]**, and press the **[#]** key to confirm. After the main device gives a long beep, the System will give a voice prompt of "Successfully set" and the [**signal**] lamp flashes once, indicating the telephone number has been deleted.

Setting steps: **【XX】⇨【#】**

XX: stands for the address codes of the 1~6 group of alarm telephones (**[51]** ~ **[56]**).

Example: delete the third group of telephone number from the main device.

Setting steps: **【53】⇨【#】**

SMS-Receiving Phone Setting

If phones are set to receive text alarm, the System only sends an alarm message to the 3 groups of cell phones (for example: zone 5, balcony alarm).

Under the setting state, input the address code [**57**] ~ [**59**], and input the cell phone number, and then press the [**#**] key to confirm. After the main device gives a long beep, the System will give a voice prompt of "Successfully set" and the [**signal**] lamp flashes, indicating the SMS-receiving phone number has been set.

Setting steps: 【**XX**】⇨【**YY...YY**】⇨【**#**】

XX: stands for the address codes of the 1~3 group of SMS phone ([**57**] ~ [**59**]).

YY...YY: stands for the set telephone number.

Example: set the 13822222222 as the first group of SMS phone.

Setting steps: 【**57**】⇨【**13822222222**】⇨【**#**】

Deleting SMS-Receiving Phones

Under the setting state, input the address code [**57**] ~ [**59**], and press the [**#**] key to confirm. After the main device gives a long beep, the System will give a voice prompt of "Successfully deleted" and the [**signal**] lamp flashes once, indicating the phone number has been deleted.

Setting steps: 【**XX**】⇨【**#**】

XX: stands for the address codes of the 1~3 group of SMS-receiving phone ([**57**] ~ [**59**]).

Example: delete the first group of SMS phone from the main device.

Setting steps: 【**57**】⇨【**#**】

Zone Programming

By the Zone Programming, you can change the attributes of the zone alarm, such as turning off the warning siren, etc. Under the setting state, input the address code [**60**], enter the serial number of the zones [**01~99**], press the zone type [**1~4**], and press

the zone location [**1~8**], and select [**0/1**] to turn on/off the warning siren, and then press the [#] key to confirm. After the main device gives a long beep, the System will give a voice prompt of "Successfully set".

Setting steps: 【**60**】⇨【**AA**】⇨【**B**】⇨【**C**】⇨【**D**】⇨【**#**】

AA: stands for the serial number of the corresponding zone [**01~99**].

B: stands for the zone type, including [**1**] Real Time, [**2**] 40s-Delay, [**3**] 24h, [**4**] Bypass.

C: stands for the installation location, including [**1**] Help Alarm, [**2**] Fire Alarm, [**3**] Gas Leak Alarm, [**4**] Door Lock Alarm, [**5**] Living Room Alarm, [**6**] Window Alarm, [**7**] Balcony Alarm, [**8**] Perimeter Alarm.

D: stands for the alarm type, including [**0**] Alarm without warning siren, [**1**] Alarm with warning siren.

Example: set the alarm type for the Zone 12 as 24h, Fire Alarm, and Alarm with Warning Siren.

Setting steps: 【**60**】⇨【**12**】⇨【**3**】⇨【**2**】⇨【**1**】⇨【**#**】

Home Arming Setting

By the **Home Arming Setting** function, you can set the working status for detectors separately. Just conduct some settings for the home arming zones.

Under the setting state, input the address code [**61**], select the serial number of the corresponding zone [**01~99**], and select the [**0/1**] key to turn on/off the alarm, and then press the [**#**] key to confirm. After the main device gives a long beep, the System will give a voice prompt of "Successfully set".

Setting steps: 【**61**】⇨【**XX**】⇨【**A**】⇨【**#**】

XX: stands for the serial number of the corresponding zone [**01~99**].

A: stands for the alarm status, including [**0**] Home Arming **without Alarm**, [**1**] Home Arming **with Alarm**.

Example: set the Zone 11 as Home Arming with Alarm.

Setting steps: 【**61**】⇨【**11**】⇨【**1**】⇨【**#**】

Example: set the Zone 12 as Home Arming without Alarm.

Setting steps: 【61】⇨【12】⇨【0】⇨【#】

Manual Recording

Under the setting state, input the address code [**701**], and press the [#] key to confirm. After the main device makes a sound of "Beep", the [**signal**] lamp flashes once, the System starts to count down from 10s, and the recording starts: please keep close to the main device (within 30 cm) and say your message; after 10s, the main device gives a sound of "Beep", and the recording ends.

Setting steps: 【701】⇨【#】

SOS Siren on Remote Controller

Under the setting state, input the address code [**76**] by the keypad of the main device, select the **[0/1]** key to turn off/on the external siren for SOS alarm, and press the [#] key to confirm. After the speaker gives a long beep, the System will give a voice prompt of "Successfully set". By default, the siren is off when sending SOS alarm from the remote controller.

Warning Tone for Arming Operation

Under the setting state, input the address code [**75**], select the **[0/1]** key to turn off/on the external siren when conducting the operations of arming/disarming, and press the [#] key to confirm. After the main device gives a long beep, the System will give a voice prompt of "Successfully set". If you turn on the warning tone, the main device will sound once on arming, and twice on disarming. It is convenient for users to make sure if the arming/disarming setting is successful when using the remote control.

Enabling Landline Phone

Under the setting state, input the address code [**71**], select the **[0/1]** key to turn off/on the landline phone alarm on the main device, and press the [#] key to confirm. After the speaker gives a long beep, the System will give a voice prompt of

"Successfully set". By default, only GSM Alarm is enabled. If you turn on the Landline Phone Alarm, the main device will make an alarm by both ways, offering higher grade of security.

Ringtone Times for Landline Phone Alarm

Under the setting state, input the address code [72], press a key within [1-9] to select the ringtone times, and press the [#] key to confirm. This setting is only used for the landline phones.

Wireless Signal Output from the Main Device

Under the setting state, input the address code [41], select the [0/1] key to turn off/on the wireless signal output from the main device, and press the [#] key to confirm. After the speaker gives a long beep, the System will give a voice prompt of "Successfully set". If you turn on this option, the main device will send out different wireless signals according to the following conditions (You need to customize the hardware before setting this function).

1: Alarming

2: Disarming

3: Pressing the below key combinations on the keypad of the main device: 0*, 0#; 1*, 1#; 2*, 2#; 3*, 3#; 4*, 4#; 5*, 5#; 6*, 6#; 7*, 7#; 8*, 8#.

4: If you want to get wireless signal output from the main device when conducting operations like SMS Control, Remote Control, you need to customize the software.

5: The wireless signal is set to 315MHz /4.7MΩ by default. If you want to use other frequency or speed rate, you need to customize it.

Networking Center Settings (networking functions customized)

1: Arming/Disarming Report Center

Under the setting state, input the address code [**74**] by the keypad of the main device, select the **[0/1]** key to turn off/on **Arming/Disarming Report Center**, and press the [#] key to confirm. After the speaker gives a long beep, the System will give a voice prompt of "Successfully set". This function is set to OFF by default.

2: Alarm Report Center

Under the setting state, input the address code [**73**] by the keypad of the main device, select the **[0/1]** key to turn off/on **Alarm Report Center**, and press the [#] key to confirm. After the speaker gives a long beep, the System will give a voice prompt of "Successfully set". This function is set to OFF by default.

3: User Code

Under the setting state, input the address code [**74**] by the keypad of the main device, and input a 4 digit user code [**XXXX**], and press the [#] key to confirm. After the speaker gives a long beep, the System will give a voice prompt of "Successfully set".

4: Networking Center Phone Number

Under the setting state, input the address code [**50**] by the keypad of the main device, and input a phone number [**XX...XX**] with 22 digits at most, and then press the [#] key to confirm. After the speaker gives a long beep, the System will give a voice prompt of "Successfully set".

Main Device Status

The main device has four statuses in the normal conditions:

- **Arming Status:** The zones (1~99) can give alarms.
- **Home Arming:** Only the zones set as [Home Arming] are effective and can give alarms.
- **Disarming Status:** The zones (1~99) cannot give any alarm (24h zones not included).
- **Setting Status:** All zones don't give any alarm when the main device is in setting status.
- **Power-failure Status**: If the System is on the arming status, it will send out a short message upon power failure, and the LCD screen displays in the low battery mode.

Daily Operations

Users can use the remote controller to conduct operations (such as Away Arming, Home Arming, Emergency Alarm, or Real Time Disarming, etc.) to the main device from outdoors or over a long distance.

- Away Arming: press the [ ] key to enter the Away Arming status.
- Disarming: press the [ ] key to enter the Disarming status.
- Home Arming: press the [ ] key to enter the Home Arming status.
- Emergency Alarm: press the [ ] key to trigger the main device immediately and give an emergency alarm.

Away Arming

When you're away, it's necessary to use the Away Arming function. Under this status, all detectors are activated to arming. If any source like an invader, fire, gas leak etc. triggers the detectors, the System will give an alarm at once.

Setting steps: press the [ ] key on the keypad of the main device, the main device will make a sound of "Beep" once per second. After the specific time, the **ARM** indicator lamp will stay on. Now this function is successfully activated.

Home Arming

When you're at home, some detectors need to be activated, such as doors, windows, balconies, perimeters etc. But there's no need to keep other detectors activated (e.g. you may trigger the detector in the living room). Thus it is suitable to enable the Home Arming function.

Setting steps: press the [ ] key on the keypad of the main device, and the corresponding indicator lamp stays on. Then this function is successfully activated.

Operation on the main device: press the [ ] key to set the main device to the Home Arming status.

Operation by the remote controller: **press the [ ] key on the remote controller.**

Disarming

If this function is activated, the main device is out of alarm state. There are two conditions to enter this state: 1. normal disarming after arming; 2. disarming to stop an alarm. After disarming, the zones (excluding the 24h zones) are idle.

Setting steps: input the [**User Password**] and press the [#] key to confirm. After the [**Away**] or [**Home**] indicator lamp goes off, the function is successfully activated.

Operations by the remote controller: **press the [ ] key on the remote controller.**

Operations on the main device: [**User Password**] + [**#**]

Answering Call Alarm

After the main device gives an alarm, it makes a warning tone at once; and auto dials the first preset mobile phone to make a voice alarm. If nobody answers the phone call, the main device will auto dial the next preset phone number and repeat the above process. It will call the 3 preset numbers circularly for 3 rounds, with three calls for each preset phone.

If you answer the phone, the alarm recording will be delivered. At the moment, you can activate different functions by your phone keypad:

Hang up: the main device will conduct the same operations as the situation of no answer.

Press the [*] key: you can read the alarm SMS message.

Press the [1] key: the main device will stop the alarm, stay arming, and stop dialing.

Press the [2] key: the main device will stop the alarm, stay in disarming, and stop dialing.

Press the [3] key: the main device will turn off the warning ring and enter listen-in state for 30s; if you need to extend the listen-in time, press the [3] key again. You can check whether there is abnormal noise or any invader at your home.

Press the [4] key: start the spot intercom function for 30s.

Remote Control

Dial the phone number bound with the main device by your cell phone; after the preset ringtone times, you will hear the warning tone of "Please input your password". At the moment, input your password, if the password is correct, and you will hear the voice prompt of "Press 1 for arming; 2 for disarming, 3 for listen-in, and 4 for intercom"; if incorrect, you will hear the warning tone of "your password is wrong, pleas enter it again". In this function, you can conduct remote control operations through the cell phone keypad.

Press the [1] key: the main device will enter the arming state, and you will

hear the warning tone of "The System is on arming" from the handset.

Press the [2] key: the main device will enter the disarming state, and you will hear the warning tone of "The System is on disarming" from the handset.

Press the [3] key: the main device will enter the 30s listen-in state; to extend the listen-in time, you can press the [3] key again to get another 30s for listen-in.

Press the [4] key: start the intercom function for 30s.

SOS

Sometimes you need to make an emergency call (e.g.: 110) for help, such as when the old or children struck by a sudden illness, a fire occurs, robbers intrude into your home. In such cases, you just need to press the [●] key on the main device, or the [🔔] key on the remote controller. The System will give an alarm at once, and make emergency calls automatically.

Operation by the remote controller: **press the [🔔] key once.**

Operation by the main device: **press the [●] key.**

Wireless control

1. Activate the wireless control function and set the console at disarming status. Input command "1#" to turn on the home automation apparatus signal, and "1*" to turn off the signal.
2. New command for wireless siren encrypt "888843XX#"
3. Pole connector ANT is designed for external GSM antenna, AND is for earth grounding.

Maintenance

System Inspection

To make sure that the System runs steadily, reliably and safely, regular maintenance and detection are a must. A full inspection to the main device should be conducted every 3 months; and we suggest that the detector get an inspection monthly or every 3 month at least.

Inspecting the main device:

1. Check whether it can arm or disarm normally.
2. Check whether it can make calls when alarming.
3. Check whether it can receive signals from detectors and whether the backup battery is normal.

Inspecting the detectors:

1. Check whether the detectors can give a normal alarm by manually triggering them.
2. Check whether all detectors to prevent low battery.
3. Check whether all wireless detectors can communicate with the main device by testing the transmission condition.

Precautions

Don't dismantle, repair or rebuild the product on your own, or else accidents or troubles may occur.

Protect the product from falling or impact to the floor or hard objects, or else fault or damage may occur due to intensive impact.

Don't set "110", "119", or the number of the police station as the alarm report telephone without permission of related departments.

Technical Parameters:

Attached List 1:

Input Voltage:	DC12V /1.5A
Standby Current:	<55mA
Alarm Current:	<450mA
Wireless Frequency:	315MHz，2262 / 4.7MΩ
GSM System:	Quad-Band 850/900/1800/1900MHz
Backup Battery:	7.2V lithium battery
Alarm Siren Volume:	110dB

Attached List 2:

Zones	Arming	Home	Type	Alarm Type	Alarm Siren
Zone 1	Effective	Invalid	Real Time	Door Lock	On
Zone 2	Effective	Invalid	Real Time	Living room	On
Zone 3	Effective	Effective	Real Time	Window	On
Zone 4	Effective	Effective	Real Time	Balcony	On
Zone 5	Effective	Effective	Real Time	Fire	On
Zone 6	Effective	Effective	Real Time	Gas Leak	On
Emergency Key	Effective	Effective	Real Time	Help	Off
7-99	Effective	Invalid	Real Time	Help	On
Wired Zone (**98-99**)	Effective	Invalid	Real Time	Help	On

Engineering Password:	**8888**	Remote Control:	**GSM**: On Phone Line: Off
User Password:	**1234**	Warning Tone:	Off
Alarm Duration:	**180**s	Household Appliance Control:	Optional

Instruction Set: (All instructions should be ended with #)

Learning Remote Controller	**20[1-8]**	Recover Password	**95175308249**
Deleting Remote Controller	**21[1-8]**		
Learning Zone	**23[01-99]**		
Deleting Zone	**23[01-99]**		
Zone Programming	**60[XX][A][B][C]**		
Home (Stay) Arming	**61[XX][1/0]**		
Setting Telephone Number of Networking Center	**50**[Tel. No.]		
DeletingTelephone Number of Networking Center	**50#**		
Setting Telephone Number	**51-6**[Tel. No.]		
DeletingTelephone Number	**51-6#**		
Setting SMS-receiving Telephone Number	**57-9**[Tel. No.]		
Deleting SMS-receiving Telephone Number	**57-9#**		
Change User Password	**30[XXXX]**		
ChangeEngineering Password	**31[XXXX]**		
System Time	**32**[Hour : Minute]		
Timing Arming	**33-5**[Hour : Minute]		
Timing Disarming	**36-8**[Hour : Minute]		
Timing On/Off	**39 [1/0]**		
Recording	**701**		

Enable Telephone Line	**71 [1/0]**		
Ringtone Times	**72 [1-9]**		
Alarm Report Center	**73 [1/0]**		
Arming/Disarming Report Center	**74 [1/0]**		
Operation Warning Tone	**75 [1/0]**		
Emergency Alarm Siren	**76 [1/0]**		
User Code	**76[XXXX]**		
Start Wireless Transmission	**41[1/0]**		
Recover Factory Settings	**95175308246**		
New command for wireless siren encrypt	888843【XX】#		
command for message alert upon system arm and disarm setting.	8888771# turn on 8888770# turn off		
Modify command of delay arming to	888844【XX】#		
Modify command of delay alarm to	888845【XX】#		
can shut down the voice prompt broadcasting	8888781# turn on 8888780# turn off		